

Title (en)

Electrophotographic transfer paper and color image forming method

Title (de)

Elektrophotographisches Transferpapier und Farbbildherstellungsverfahren

Title (fr)

Papier de transfert électrophotographique et procédé de formation d'images en couleurs

Publication

EP 0718701 A3 19971001 (EN)

Application

EP 95120105 A 19951219

Priority

JP 31622994 A 19941220

Abstract (en)

[origin: EP0718701A2] Electrophotographic transfer paper having a coating layer provided on at least one surface of base paper and pigments and adhesive agents as main components, wherein resistivity (VR) and surface resistivity (SV) of electrophotographic transfer paper after the humidity has adjusted to 10 DEG C, 30%RH for 12 hours satisfy the expression $\text{Log}(\text{VR}/\text{SR}) \leq 1.5$. Using such electrophotographic transfer paper, occurrence of discharge mark and occurrence of density irregularity in a high-density image region are prevented to thereby make it possible to provide electrophotographic transfer paper excellent in fixing characteristic, nonshowthrough, partial deletion and generation of paper dust.
<IMAGE>

IPC 1-7

G03G 7/00

IPC 8 full level

G03G 15/01 (2006.01); **G03G 7/00** (2006.01); **G03G 13/01** (2006.01); **G03G 13/16** (2006.01)

CPC (source: EP US)

G03G 7/0006 (2013.01 - EP US); **G03G 7/006** (2013.01 - EP US); **G03G 13/01** (2013.01 - EP US); **G03G 13/16** (2013.01 - EP US); **Y10T 428/24934** (2015.01 - EP US); **Y10T 428/273** (2015.01 - EP US); **Y10T 428/277** (2015.01 - EP US)

Citation (search report)

- [XY] US 4037017 A 19770719 - MASLANKA WILLIAM WALTER
- [XY] US 3861954 A 19750121 - FUNDERBURK KIT
- [XY] US 3778841 A 19731211 - GUNDLACH R, et al
- [E] US 5503849 A 19960402 - BILODEAU WAYNE L [US] & WO 9405490 A1 19940317 - OTIS SPECIALTY PAPERS INC [US]
- [A] US 5057389 A 19911015 - NAKAYAMA TAKAO [JP], et al
- [A] GB 1384634 A 19750219 - AVERY PRODUCTS CORP [US]
- [A] US 3369162 A 19680213 - YASUNOSUKE TORII
- [DY] PATENT ABSTRACTS OF JAPAN vol. 018, no. 532 (P - 1810) 7 October 1994 (1994-10-07)

Cited by

EP0990953A3; EP1162075A4; US6475569B1

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

EP 0718701 A2 19960626; **EP 0718701 A3 19971001**; **EP 0718701 B1 20010228**; DE 69520200 D1 20010405; DE 69520200 T2 20010621; JP 3816121 B2 20060830; JP H08171225 A 19960702; US 5925446 A 19990720; US 6120954 A 20000919

DOCDB simple family (application)

EP 95120105 A 19951219; DE 69520200 T 19951219; JP 31622994 A 19941220; US 28878099 A 19990409; US 57315095 A 19951215